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Application No. 10/617,911 TRANSMITTAL FORM July 10, 2003 Filing Date (to be used for all correspondence after initial filing) First Named Inventor Michael Yip Art Unit 2663 **Examiner Name** Soon D. Hyun 11 Total Number of Pages in This Submission 2717P029C Attorney Docket Number

ENCLOSURES (check all that apply)						
Fee Transmittal I	Form	Drawing(s)		After Allowance Communication o Group		
Fee Attach	ned	Licensing-related Papers		Appeal Communication to Board of Appeals and Interferences		
Amendment / Re	sponse	Petition		Appeal Communication to Group Appeal Notice, Brief, Reply Brief)		
After Final Affidavits/o	declaration(s)	Petition to Convert a Provisional Application		Proprietary Information		
Extension of Tim	e Request	Power of Attorney, Revocation Change of Correspondence Address		Status Letter		
Express Abando	nment Request	Terminal Disclaimer		Other Enclosure(s) please identify below):		
Information Discl	osure Statement	Request for Refund	-]	Return Postcard		
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Response to Mis Incomplete Appli	sing Parts/ cation	Remarks				
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Response Parts unde 1.52 or 1.5	to Missing er 37 CFR 53					
	SIGNATURI	OF APPLICANT, ATTORNEY, OR AG	ENT -			
Firm or	Lisa Tom, Reg.	No. 52,291				
Individual name	BLAKELY, S	OKOLOFF, TAYLOR & ZAFM	AN LI	_P		
Signature	Lin Iv					
Date December 17, 2003						
CERTIFICATE OF MAILING/TRANSMISSION						
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.						
Typed or printed nai	me Annie G. Per	arson				
Signature	Annie	(a)	Date	December 17, 2003		

FEE TRANSMITTAL for FY 2003 Complete if Known Application Number 10/617,911 July 10, 2003 Michael Yip Filing Date Effective 01/01/2003. Patent fees are subject to annual revision. First Named Inventor Examiner Name Soon D. Hyun Applicant claims small entity status. See 37 CFR 1.27. 2663 2717P029C Group/Art Unit TOTAL AMOUNT OF PAYMENT (\$) Attorney Docket No.

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		Plant filing fee		1403		2403	1,510	Petition to institute a p	-	ina	<u> </u>
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Name (Print/Type)	⁾ Lisa To)m			Attorney/Age		5	52,291	Telephone	(503) 684	1-6200

12/17/03

Date

Signature

Docket No.: 2717P029C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

MICHAEL YIP, ET AL.

Application No.: 10/617,911

Filed: July 10, 2003

For: METHOD AND SYSTEM FOR VMAN

PROTOCOL LAYER-2 PACKET NESTED ENCAPSULATION Art Group: 2663

Examiner: Soon D. Hyun

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of Information Disclosure Statement by Applicant (form PTO/SB/08), which is being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s). Some or all of the references listed on the enclosed PTO/SB/08 were previously identified in the parent application (Application No. 09/755,736, filed January 5, 2001) and copies of the references were furnished at that time: Accordingly, per 37 CFR §1.98(d)(1) additional copies of those references are not submitted herewith.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: December 17, 2003

Lisa Tom, Reg. No. 52,291

12400 Wilshire Boulevard, 7th Floor Los Angeles, CA 90025

Telephone: (503) 684-6200

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Date

2717P029C -2-

Complete if Known stitute for form 1449A/PTO Application Number 10/617,911 **INFORMATION DISCLOSURE** Filing Date July 10, 2003 First Named Inventor Michael Yip STATEMENT BY APPLICANT Art Unit 2663 (use as many sheets as necessary) Examiner Name Soon D. Hyun of 5 Attorney Docket Number Sheet 1 2717P029C

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number - Kind Code² (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	1	US-5,027,350	06-25-1991	Marshall				
	2	US-5,088,032	02-11-1992	Bosack				
	3	US-5,095,480	03-10-1992	Fenner				
	4	US-5,115,431	05-19-1992	Williams, et al.				
	5	US-5,136,580	08-04-1992	Videlock, et al.				
	6	US-5,241,682	08-31-1993	Bryant, et al.				
	7	US-5,251,205	10-05-1993	Callon, et al.				
	8	US-5,274,631	12-28-1993	Bhardwaj				
	9	US-5,287,103	02-15-1994	Kasprzyk, et al.				
	10	US-5,304,992	04-19-1994	Harashima				
	11	US-5,311,509	05-10-1994	Heddes, et al.				
	12	US-5,313,582	05-17-1994	Hendel, et al.				
	13	US-5,317,562	05-31-1994	Nardin, et al.				
	14	US-5,319,644	06-07-1994	Liang				
	15	US-5,345,446	09-06-1994	Hiller, et al.				
	16	US-5,353,383	10-04-1994	Uchimura, et al.				
	17	US-5,361,256	11-01-1994	Doeringer, et al.				
:	18	US-5,371,852	12-06-1994	Attanasio, et al.				
İ	19	US-5,394,394	02-28-1995	Crowther, et al.				
	20	US-5,394,402	02-28-1995	Ross				

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Examiner Cite		Foreign Patent Document			Pages, Columns, Lines,			
Initials* No.1		Country Code* - Number* - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear			

 Date	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 **of** 5

Complete if Known			
Application Number	10/617,911		
Filing Date	July 10, 2003		
First Named Inventor	Michael Yip		
Art Unit	2663		
Examiner Name	Soon D. Hyun		
Attorney Docket Number	2717P029C		

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.'	Document Number Number - Kind Code² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	21	US-5,408,469	04-18-1995	Opher, et al.				
	22	US-5,423,002	06-06-1995	Hart				
	23	US-5,426,637	01-20-1995	Derby, et al.				
	24	US-5,473,599	12-05-1995	Li, et al.				
	25	US-5,473,607	12-05-1995	Hausman, et al.				
	26	US-5,485,455	01-16-1996	Dobbins, et al.				
	27	US-5,500,860	03-19-1996	Perlman, et al.				
	28	US-5,519,704	05-21-1996	Farinacci, et al.				
	29	US-5,526,489	06-11-1996	Nilakantan, et al.				
	30	US-5,555,256	09-10-1996	Calamvokis				
	31	US-5,604,868	02-18-1997	Komine, et al.				
	32	US-5,617,421	04-01-1997	Chin, et al.				
	33	US-5,651,002	07-22-1997	Van Seters, et al.				
	34	US-5,666,363	09-09-1997	Osakabe, et al.				
	35	US-5,684,800	11-04-1997	Dobbins, et al.				
	36	US-5,740,171	04-14-1998	Mazzola, et al.				
	37	US-5,742,604	04-21-1998	Edsall, et al.				
	38	US-5,752,003	05-12-1998	Hart				
	39	US-5,764,636	06-09-1998	Edsall				
	40	US-5,872,783	02-16-1999	Chin				

	FOREIGN PATENT DOCUMENTS								
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Initials* No.1	Country Code* - Number* - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear					
				<u>-</u>					

Examiner	Date		
Signature	Considered		

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Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 08/11/2003.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 **of** 5

Complete if Known				
Application Number	10/617,911			
Filing Date	July 10, 2003			
First Named Inventor	Michael Yip			
Art Unit	2663			
Examiner Name	Soon D. Hyun			
Attorney Docket Number	2717P029C			

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	41	US-5,872,783	02-16-1999	Chin				
	42	US-5,892,912	04-06-1999	Suzuki, et al.				
	43	US-5,910,955	06-08-1999	Nishimura, et al.				
	44	US-5,946,308	08-31-1999	Dobbins, et al.				
	45	US-5,956,335	09-21-1999	Backers, et al.				
	46	US-5,959,968	09-28-1999	Chin, et al.				
	47	US-5,959,990	09-28-1999	Frantz, et al.				
	48	US-5,978,378	11-02-1999	Van Seters, et al.				
	50	US-6,023,563	02-08-2000	Shani				
	51	US-6,035,105	03-07-2000	McCloghrie, et al.				
	52	US-6,075,776	06-13-2000	Tanimoto, et al.				
	53	US-6,128,666	10-03-2000	Muller, et al.				
	54	US-6,157,647	12-05-2000	Husak				
	55	US-6,163,543	12-19-2000	Chin, et al.				
	56	US-6,181,699	01-30-2001	Crinion, et al.				
	57	US-6,209,649	04-03-2001	Pringle, et al.				
	58	US-6,219,699	04-17-2001	McCloghrie, et al.				
	59	US-6,226,771	05-01-2001	Hilla, et al.				
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	FOREIGN PATENT DOCUMENTS					
Examiner	Cite	Foreign Patent Document			Pages, Columns, Lines,	
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	1'
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Signature		Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 4 **of** 5

Complete if Known		
Application Number	10/617,911	
Filing Date	July 10, 2003	
First Named Inventor	Michael Yip	
Art Unit	2663	
Examiner Name	Soon D. Hyun	
Attorney Docket Number	2717P029C	

	-	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	60	IEEE Std. 802.10-1998, " IEEE Standards for Local and Metropolitan Area Networks: Standard for Interoperable LAN/MAN Security (SILS)," New York, New York, 1998.	
	61	IEEE Std. 802.10a-1999, "IEEE Standards for Local and Metropolitan Area Networks: Supplement Standard for Interoperable LAN/MAN Security (SILS)," New York, New York, 1999.	:
	62	IEEE Std. 802.1Q-1998, "IEEE Standards for Local and Metropolitan Area Networks: Virtual Bridged Local Area Networks," New York, New York, 1998.	
	63	IEEE Std. 802.1D, "IEEE Standards for Information Technology- Telecommunications and Information Exchange Between Systems-Local and Metropolitan Area Networks- Common Specifications, Part 3: Media Access Control (MAC) Bridges," 1998.	
	64	R. Woodburn, "A Scheme for an Internet Encapsulation Protocol: Version 1," Request for Comments 1241, July 1991 ("RFC1241").	
***************************************	65	B. Elliston, "Encapsulating IP with the Small Computer System Interface," Request for Comments 2143, May 1997 ("RFC2143").	:
***************************************	66	S. Kent, et al, "IP Encapsulating Security Payload (ESP)," Request for Comments 2406, November 1998 ("RFC2406").	
	67	D. Farinacci, et al., "Generic Routing Encapsulation (GRE)," Request for Comments 2784, March 2000, ("RFC2784").	
	68	S. Hanks, et al., "Generic Routing Encapsulation over IPv4 Networks," Request for Comments: 1702, October 1994 ("RFC1702").	
	69	S. Hanks, et al., "Generic Routing Encapsulation (GRE)," Request for Comments 1701, October 1994 ("RFC1701").	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	70	C Perkins, "Minimal Encapsulation within IP," Request for Comments 2004, October 1996 ("RFC2004").	
	71	C Perkins, "IP Encapsulation within IP," Request for Comments 2003, October 1996 ("RFC2003").	
	72	W. Simpson, "IP in IP Tunneling," Request for Comments 1853, October 1995 ("RFC1853").	:
	73	P. Srisuresh, "Security Model with Tunnel-mode IPsec for NAT Domains, October 1999 ("RFC2709").	

Examiner	Date
Signature	Considered

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^{&#}x27;Applicant's unique citation designation number. 'Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 5 **of** 5

Complete if Known		
Application Number	10/617,911	
Filing Date	July 10, 2003	
First Named Inventor	Michael Yip	
Art Unit	2663	
Examiner Name	Soon D. Hyun	
Attorney Docket Number	2717P029C	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	74	D. Provan, "Tunneling IPX Traffic Through IP Networks," Request for Comments 1234, June 1991, ("RFC1234").	
-	75	V. Rawat, et al., "Layer Two Tunneling Protocol (L2TP) over Frame Relay," Request for Comments 3070, February 2001, ("RFC3070").	
·	76	W. Townsley, et al., "Layer Two Tunneling Protocol 'L2TP'," Request for Comments 2661, August 1999, ("RFC2661").	
	77	E. Rosen, et al., "Multiprotocol Label Switching Architecture," Request for Comments 3031, January 2001, ("RFC3031").	
	78	K. Hamzeh, et al., "Point-to-Point Tunneling Protocol (PPTP)," Request for Comments 2637, July 1999, ("RFC2637").	
,,	79	D. McPherson, et al., "VLAN Aggregation for Efficient IP Address Allocation," Request for Comments 3069, February 2001, ("RFC3069").	
	80	B. Gleeson, et al., "A Framework for IP Based Virtual Private Networks," Request for Comments 2764, February 2000, ("RFC2764").	
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Examiner	Date	
Signature	Considered	

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^{&#}x27;Applicant's unique citation designation number. *Applicant is to place a check mark here if English language Translation is attached.